

3u Racked Mounted 200A Telecom Power System 48v Switching Power Supply

Our Product Introduction

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Basic Information

- Place of Origin: shenzhen
- Brand Name: daxin
- Certification: CE,UL
- Model Number: DX-48200A
- Minimum Order Quantity: 10 units
- Packaging Details: Wooden pallet+cardboard box
- Payment Terms: T/T
- Supply Ability: 10000pcs/month



Product Specification

- Efficiency: $\geq 91\%$
- Height: 3U
- Capacity: 50A-600A
- Power Supply: Single Phase 220Vac
- Product Name: Telecom Rectifier System
- Install: 19 Inch Rack
- Output Voltage: DC48V
- Highlight: 48v Telecom Power System,
3u Telecom Power System,
200A Telecom Power System



More Images



Product Description

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Telecom Rectifier System Parameter

Model		DX-48200A
System	Dimension(mm)	482.6(W)x350.6(D)x3U(H)
	Weight	≤ 15kg(without rectifier module)
	Cooling mode	Forced air cooling
	Installation mode	Installed on 19-inch rack or inside the cabinet
	IP Grade	IP20
AC Distribution	Input voltage	Single phase 220Vac
	Input capacity	1x125A/4P
	Input frequency	45~65Hz, rated 50/60Hz
	AC SPD	20kA/40kA, 8/20μs
DC Distribution	Output voltage	-42~-58VDC, rated value: -53.5VDC
	Maximum capacity	16kW(4x4000W rectifier module)
	Battery breakers	Customized
	Load breakers	LLVD BLVD
	DC SPD	10kA/20kA, 8/20μs(designed inside)
Rectifier Module	Input voltage	90VAC-300VAC, rated value: 220VAC
	Efficiency	≥95%
	Rated power	4000W(176 300VAC)
	Dimension	106mm(W)×218mm(D)×83.8mm(1U/H)
	Cooling mode	Fan cooling

Key Features:

Voltage Output: Provides a stable output voltage of 48V, which is commonly used in telecom and data center applications.

Current Rating: Capable of delivering up to 50A of current, making it suitable for high-power applications.

Regulation: Ensures consistent voltage output under varying load conditions, maintaining performance and protecting connected devices.

Efficiency: Designed for high efficiency, these modules reduce energy losses and minimize heat generation during operation.

Thermal Management: Often equipped with cooling mechanisms (such as heatsinks or fans) to dissipate heat and maintain optimal operating temperatures.

Protection Features: Includes built-in protections such as short-circuit, over-voltage, and over-temperature protection to ensure safe operation.

Modular Design: May be designed for easy integration into larger systems and can often be connected in parallel for increased power capacity.

Compact Size: Typically designed to be space-efficient, allowing for easy installation in various environments.

Applications:

Telecommunications Equipment: Powering network equipment, servers, and data storage systems.

Renewable Energy Systems: Used in solar power inverters and battery management systems for DC applications.

Electric Vehicles (EV): Power modules can be part of battery management systems or charging stations.

Industrial Machinery: Providing power to various industrial systems and automation equipment.

Benefits:

Reliable Power Supply: Ensures continuous and stable power for critical applications.

Scalability: Modular design allows for easy upgrades and system expansions.

Energy Efficiency: High efficiency helps reduce overall energy consumption and operating costs.







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